EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	60	(530/336,404,408.ccls. 930/24,260.ccls. 435/130.ccls. 436/120.ccls.) and (930/280.ccls. 435/7.6.ccls. 436/56, 164,172,800.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 22:44

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Query #6 deleted.

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- Search numbers may not be continuous; all searches are represented.
- To save search indefinitely, click query # and select Save in My NCBI.
- To combine searches use #search, e.g., #2 AND #3 or click query # for more options.

Search	Most Recent Queries	Time	Result
#15	Search ("Iodoacetamide"[Mesh]) AND ("monobromobimane "[Substance Name])	17:05:36	2

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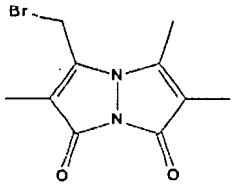
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PubChem information on biological activities of small molecules

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Search PubChem Compound GO

Compound Summary:



CID: 114810

NLM Toxicology: Link

Substances: 7 Links

Similar Compounds: 2 Links

Structure Search

Mesh | Synonyms | Properties | Descriptors | Category | Exports

Medical Subject Annotations: (Total:1)

monobromobimane

Pharmacological Action:
Fluorescent Dyes

PubMed via MeSH

Depositor-Supplied Synonyms: (Total: 10)

Sort: Weight

Monobromobimane
Bromobimane
Thiolyte MB
nchembio801-comp1
MBBR
NSC608544
9,10-Dioxa-syn-(bromomethyl,methyl)(methyl,methyl)bimane
3-(Bromomethyl)-2,5,6-trimethyl-1H,7H-pyrazolo(1,2-a)pyrazole-1,7-dione
1H,7H-Pyrazolo(1,2-a)pyrazole-1,7-dione, 3-(bromomethyl)-2,5,6-trimethyl-
71418-44-5

Properties Computed from Structure:

Molecular Weight: 271.111g/mol
Molecular Formula: $C_{10}H_{11}BrN_2O_2$

XLogP: 0.4

Hydrogen Bond Donor Count: 0
Hydrogen Bond Acceptor Count: 3
Rotatable Bond Count: 1
Topological Polar Surface Area: 40.6

Descriptors Computed from Structure:

IUPAC Name: 8-(bromomethyl)-2,3,7-trimethyl-1,5-diazabicyclo[3.3.0]octa-2,7-diene-4,6-dione
Canonical SMILES: CC1=C(N2C(=C(C(=O)N2C1=O)C)CBr)C
InChI: InChI=1/C10H11BrN2O2/c1-5-7(3)12-8(4-11)6(2)10(15)13(12)9(5)14/h4H2,1-3H3

Substance Category:

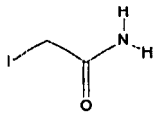
Biological Properties: 2 Links
Journal Publishers: 2 Links
Physical Properties: 1 Link
Substance Vendors: 1 Link
Theoretical Properties: 1 Link
Toxicology: 1 Link

ASN1	Display / Save	XML	Display / Save	SDF	Display / Save

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PubChem *Information on biological activities of small molecules*

Compound Summary:



CID: 3727

BioActivity: Summary
All: 44 Links
Active: 2 Links
Inactive: 34 Links
Inconclusive: 5 Links

NLM Toxicology: Link

Substances: 14 Links

Similar Compounds: 2 Links

Structure Search

Mesh | Synonyms | Properties | Descriptors | Category | Exports

Medical Subject Annotations: (Total:1)

Iodoacetamide
An alkylating sulfhydryl reagent. Its actions are similar to those of iodoacetate.

Show MeSH Tree Structure

Pharmacological Action:
Alkylating Agents
Enzyme Inhibitors

PubMed via MeSH Choose by Subheadings:

administration and dosage	adverse effects	analogs and derivatives
analysis	antagonists and inhibitors	blood
chemical synthesis	chemistry	diagnostic use
immunology	isolation and purification	metabolism
pharmacokinetics	pharmacology	standards
therapeutic use	toxicity	urine

Depositor-Supplied Synonyms: (Total: 25)

Display: Next 10 | All | Sort: Weight

iodoacetamide
2-Iodoacetamide
Surauto
Monoiodoacetamide
alpha-Iodoacetamide
sJYHCaVIKTp@
.alpha.-Iodoacetamide
USAF D-1
ACETAMIDE, 2-IODO-
Lopac-I-1149

144-48-9

Properties Computed from Structure:

Molecular Weight: 184.964g/mol
Molecular Formula: C_2H_4INO

XLogP: 0

Hydrogen Bond Donor Count: 1
Hydrogen Bond Acceptor Count: 1
Rotatable Bond Count: 1
Tautomer Count: 2
Topological Polar Surface Area: 43.1

Descriptors Computed from Structure:

IUPAC Name: 2-iodoacetamide
Canonical SMILES: C(C(=O)N)I
InChI: InChI=1/C2H4INO/c3-1-2(4)5/h1H2,(H2,4,5)/f/h4H2

Substance Category:

Biological Properties: 2 Links
Journal Publishers: 1 Link
Metabolic Pathways: 1 Link
Molecular Libraries Screening Center Network: 2 Links
Physical Properties: 3 Links
Substance Vendors: 3 Links
Theoretical Properties: 2 Links
Toxicology: 2 Links

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